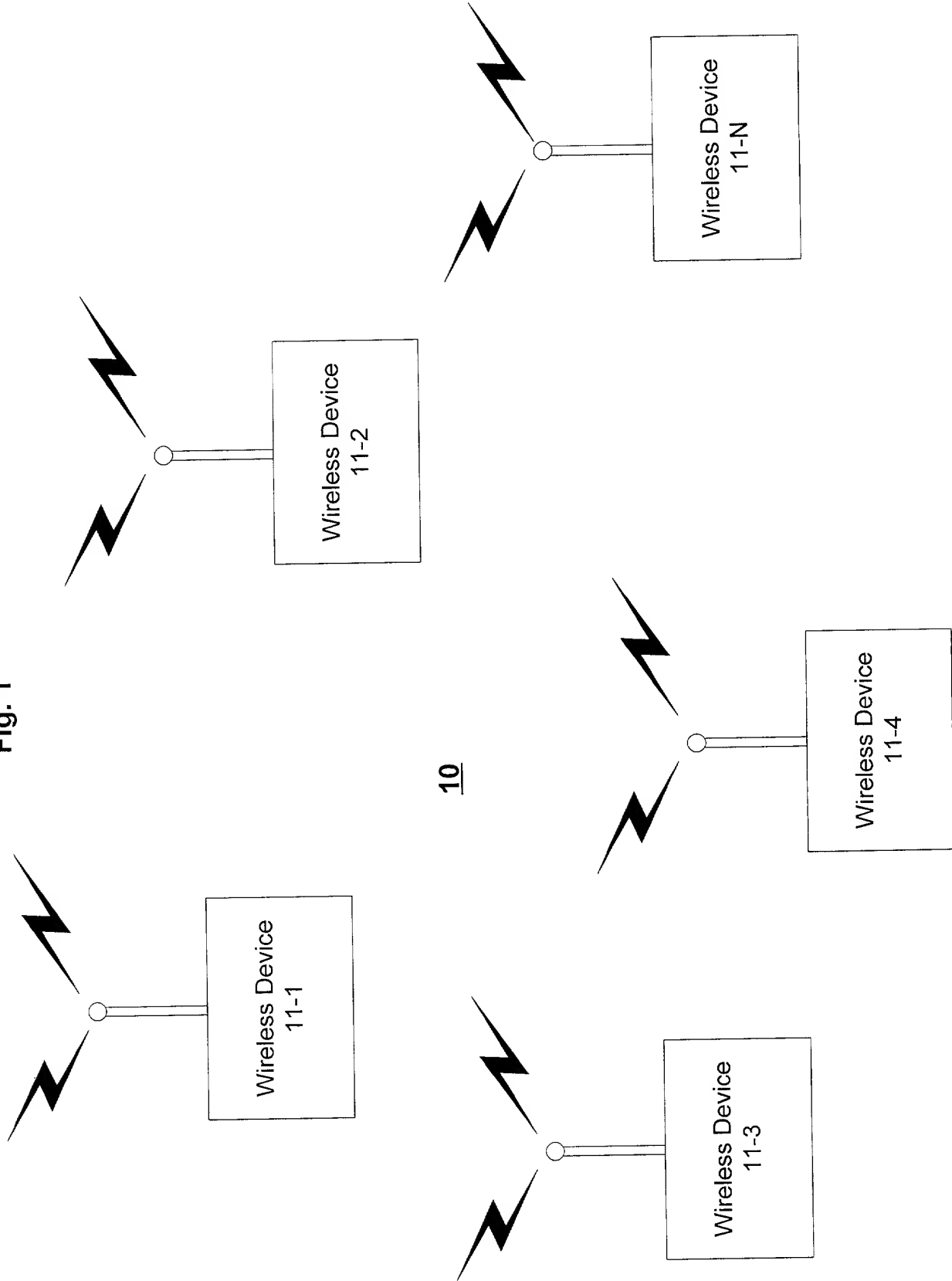


the first and second antennas are connected to the first and second antennas of the first device and the first and second antennas of the second device.

Fig. 1



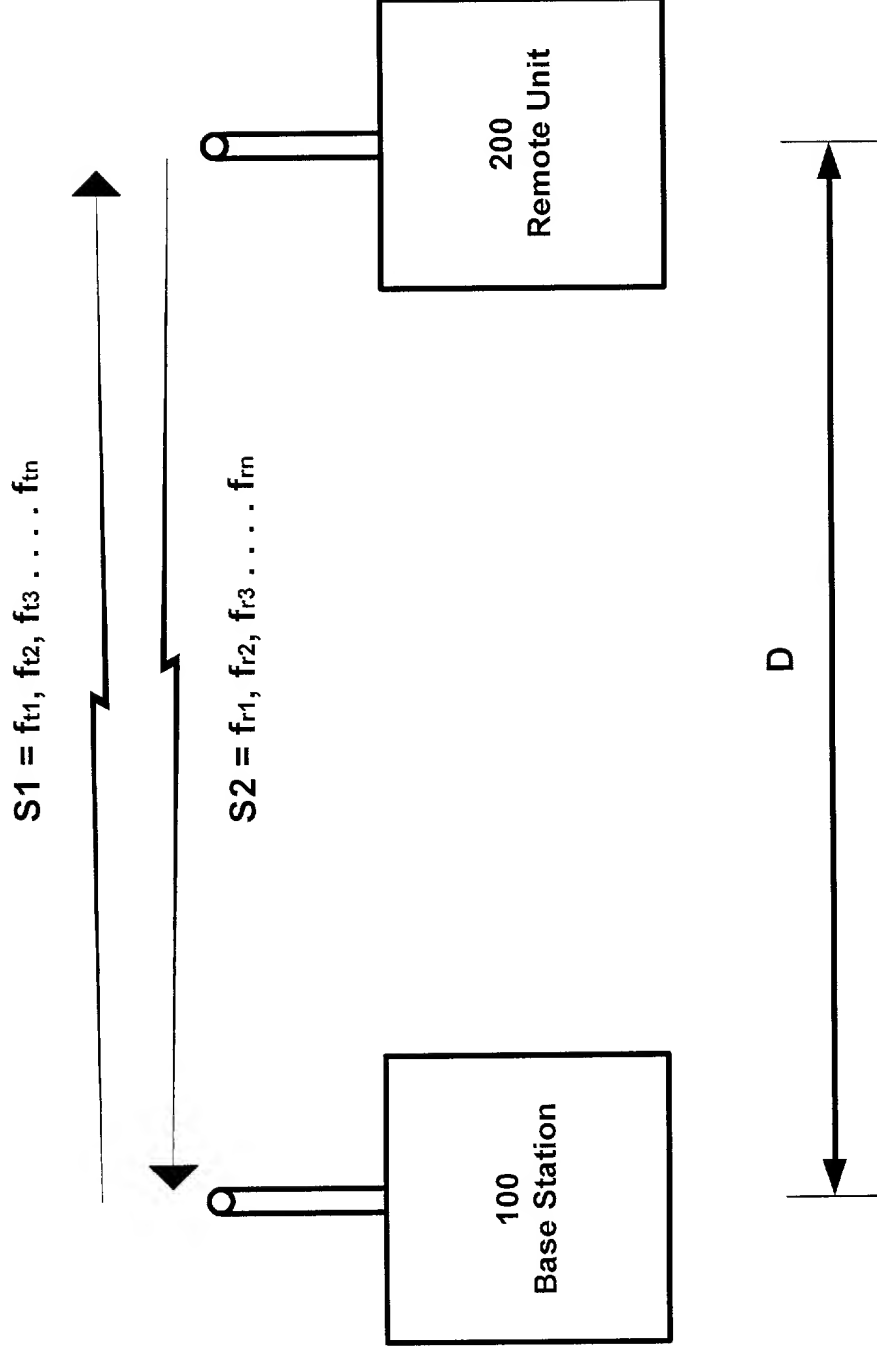


Fig. 2

FIG. 3A is a block diagram of a system 100.

100

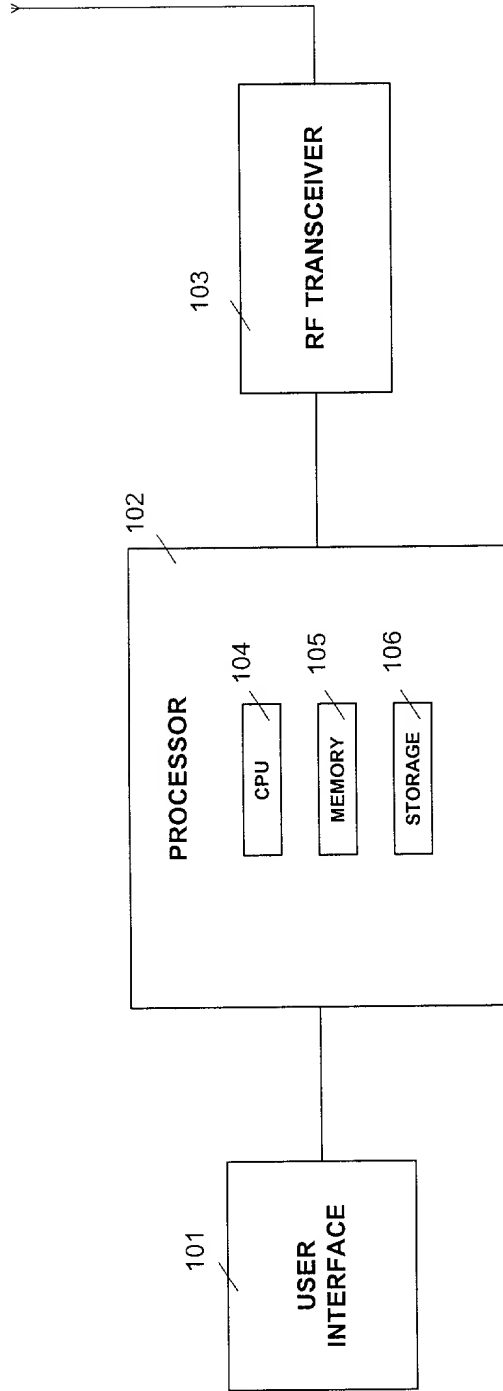


FIG. 3A

FIG. 3B is a block diagram of a system 100 in accordance with one embodiment of the present invention. The system 100 includes a user interface 101, a processor 102, and two RF transceivers 103-1 and 103-2. The processor 102 includes a CPU 104, memory 105, and storage 106. The user interface 101 is connected to the processor 102. The processor 102 is connected to both RF transceivers 103-1 and 103-2. The RF transceivers 103-1 and 103-2 are connected to external networks, indicated by the lines with arrows pointing away from the transceivers.

100

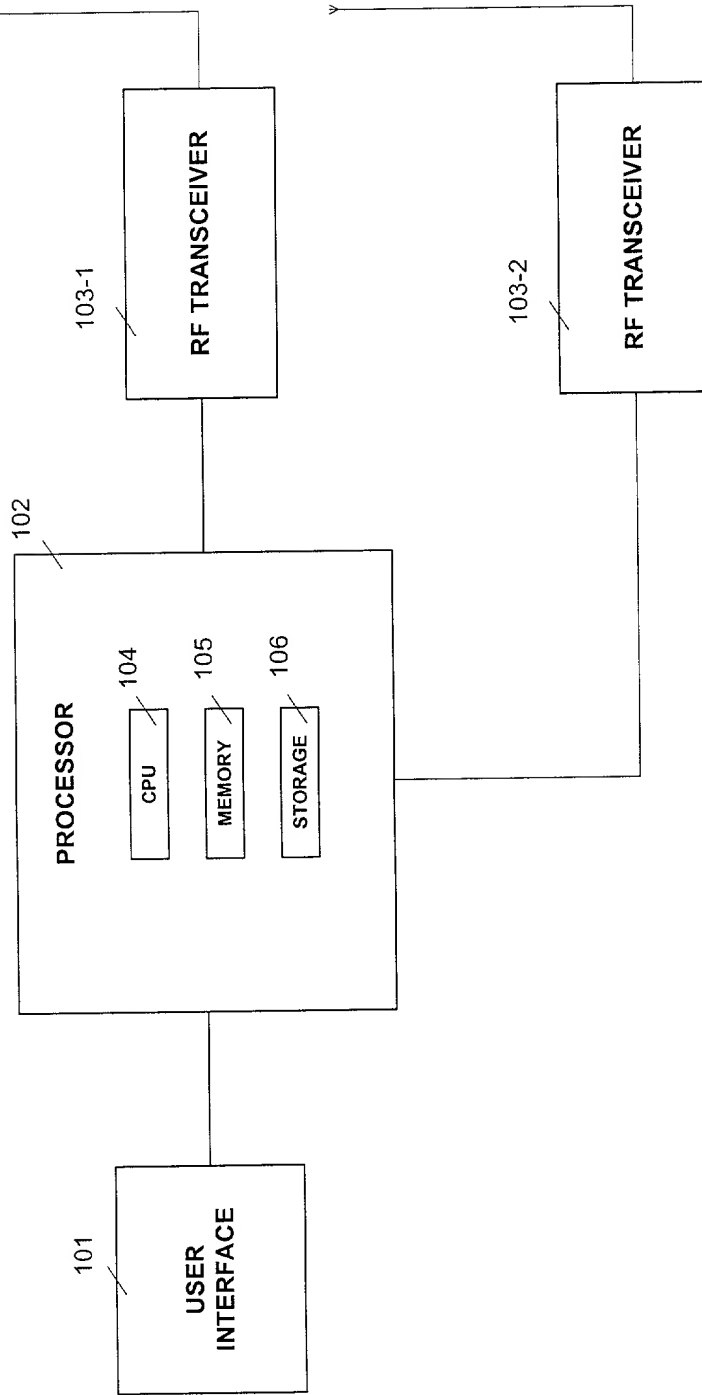


FIG. 3B

100

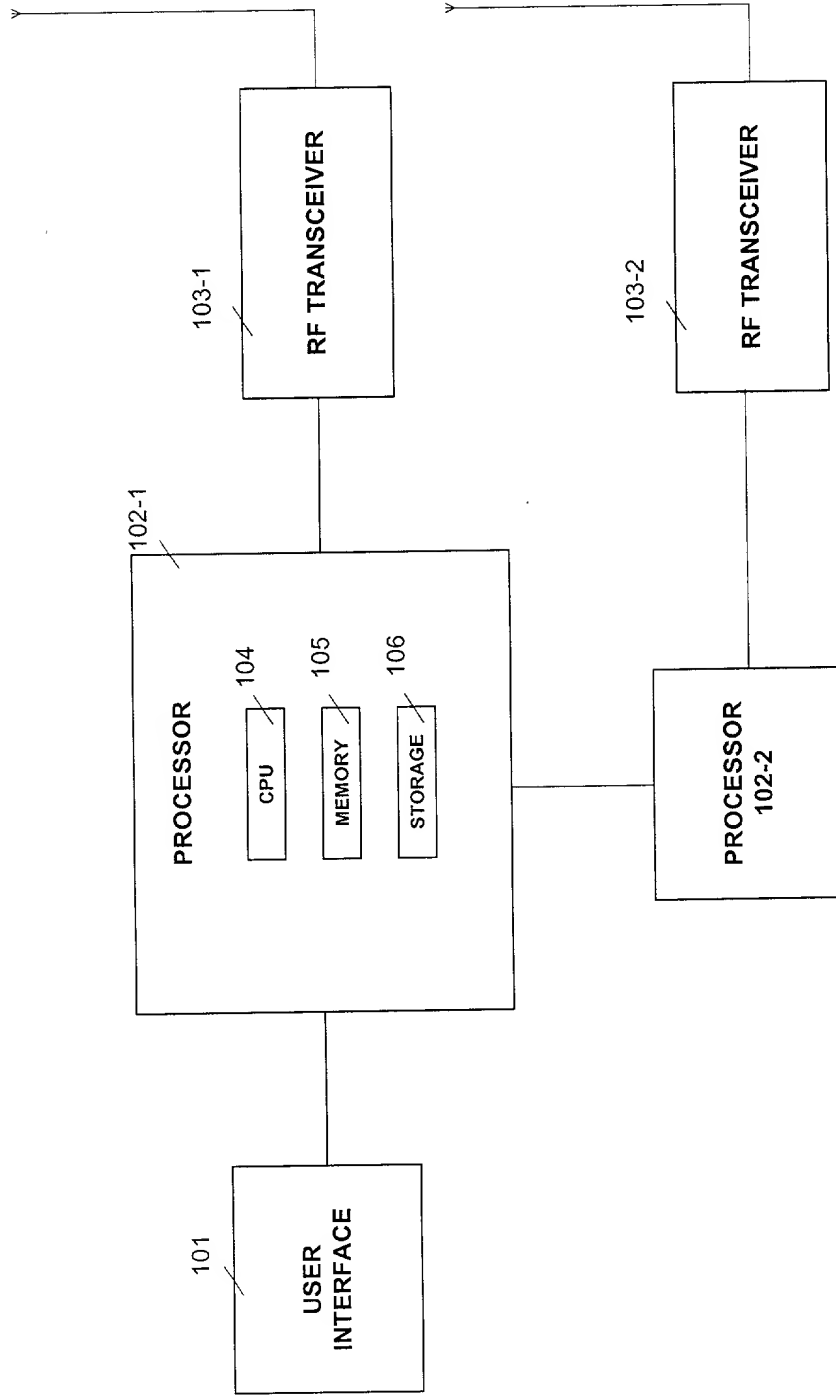


FIG. 3C

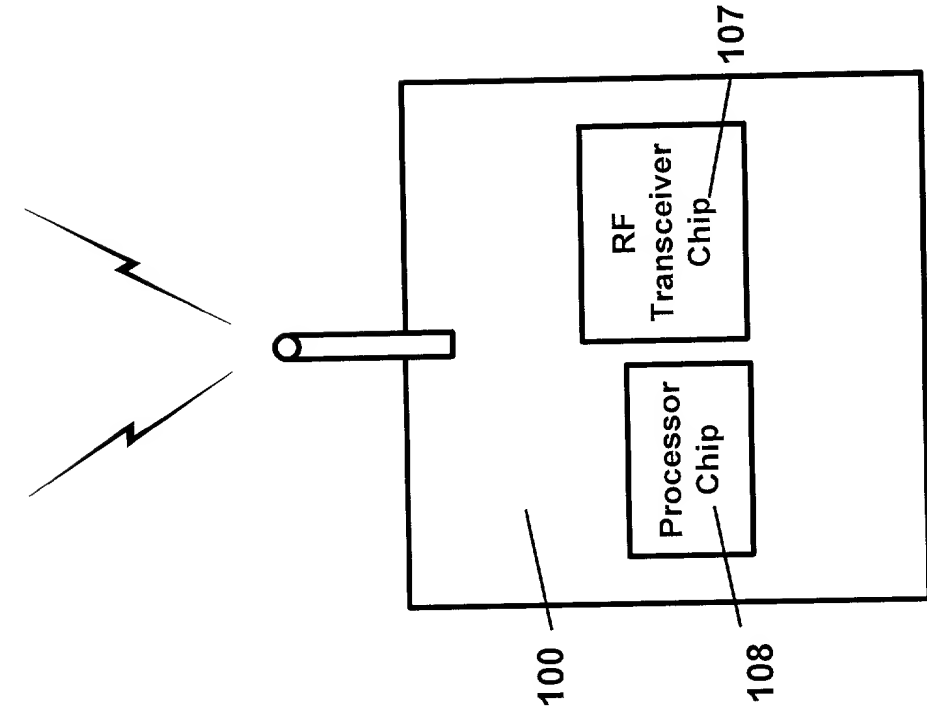


Fig. 4A

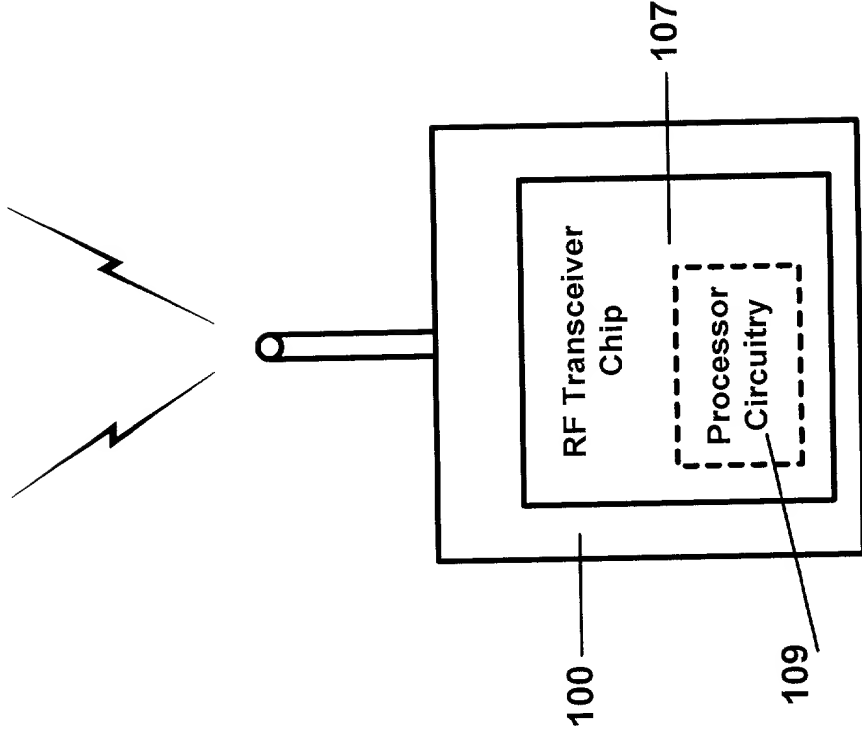


Fig. 4B

FIG. 5 is a block diagram of a communication system 100 in accordance with the present invention. The system 100 includes a Base Station 103 and a Remote Station 200. The Base Station 103 includes a Local Oscillator 103-1, a Divider 103-2, a Modulator 103-3, a Power Amplifier 103-5, a Reference Synthesizer 103-4, and a Receiver 103-7. The Remote Station 200 includes a Receiver/Discriminator 200-2, a Reference Synthesizer 200-3, and a Power Amplifier 200-1. The Base Station 103 is connected to the Remote Station 200 via a communication channel. The Base Station 103 transmits signals S1A, S2A, and S3 to the Remote Station 200. The Remote Station 200 receives signals S1A', S2A', and S3' from the Base Station 103. The Base Station 103 also receives signals I/Q from the Receiver 103-7. The Base Station 103 includes a Phase Detector 103-6. The Base Station 103 includes a Reference Synthesizer 103-4 with a frequency range of N = 4800 to 4960. The Remote Station 200 includes a Reference Synthesizer 200-3 with a frequency range of N = 4800 to 4960. The Base Station 103 includes a Modulator 103-3 with a frequency range of fm = .5MHz. The Base Station 103 includes a Power Amplifier 103-5. The Base Station 103 includes a Receiver 103-7. The Base Station 103 includes a Phase Detector 103-6. The Base Station 103 includes a Reference Synthesizer 103-4. The Remote Station 200 includes a Receiver/Discriminator 200-2. The Remote Station 200 includes a Reference Synthesizer 200-3. The Remote Station 200 includes a Power Amplifier 200-1.

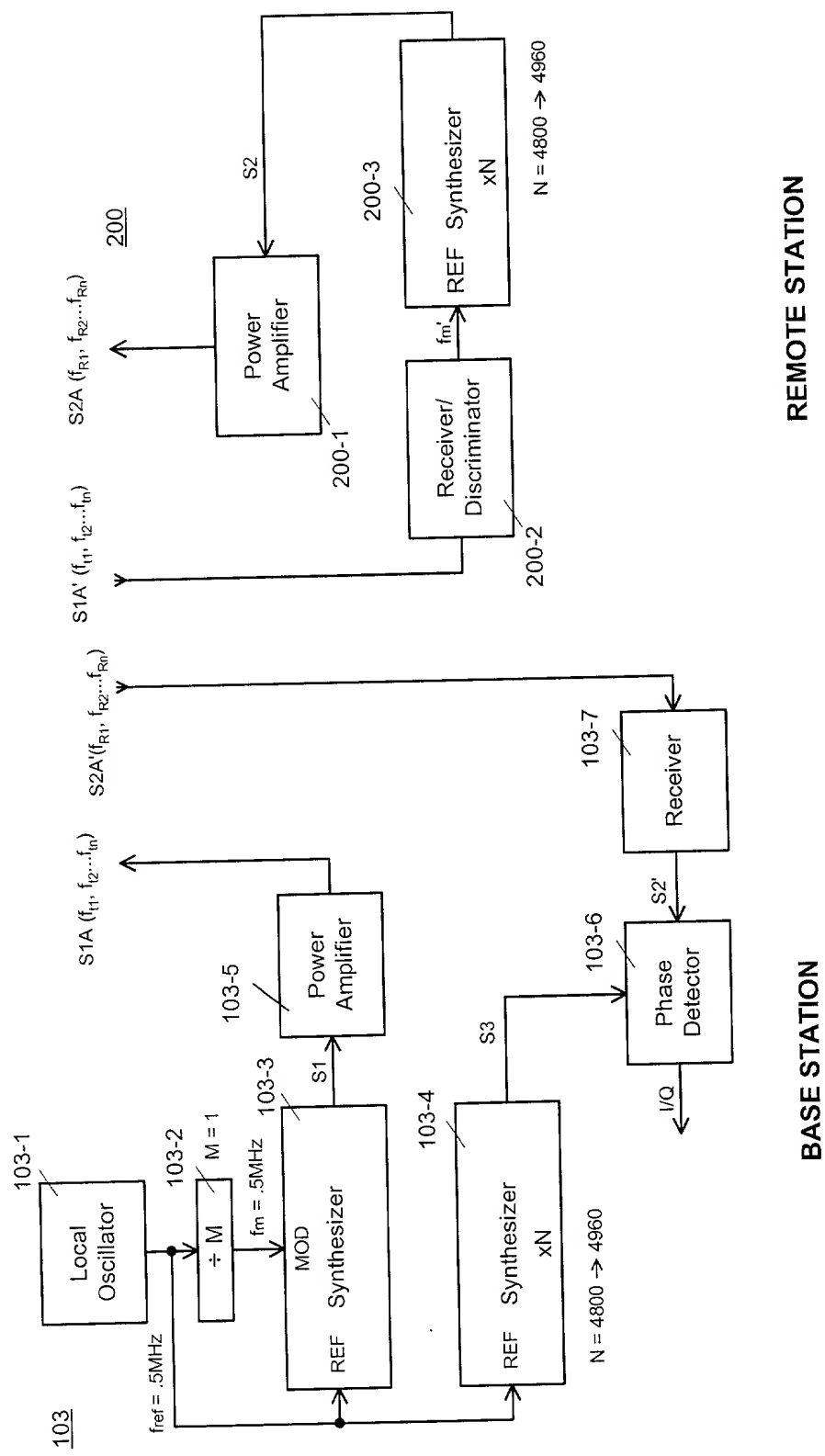


FIG. 5

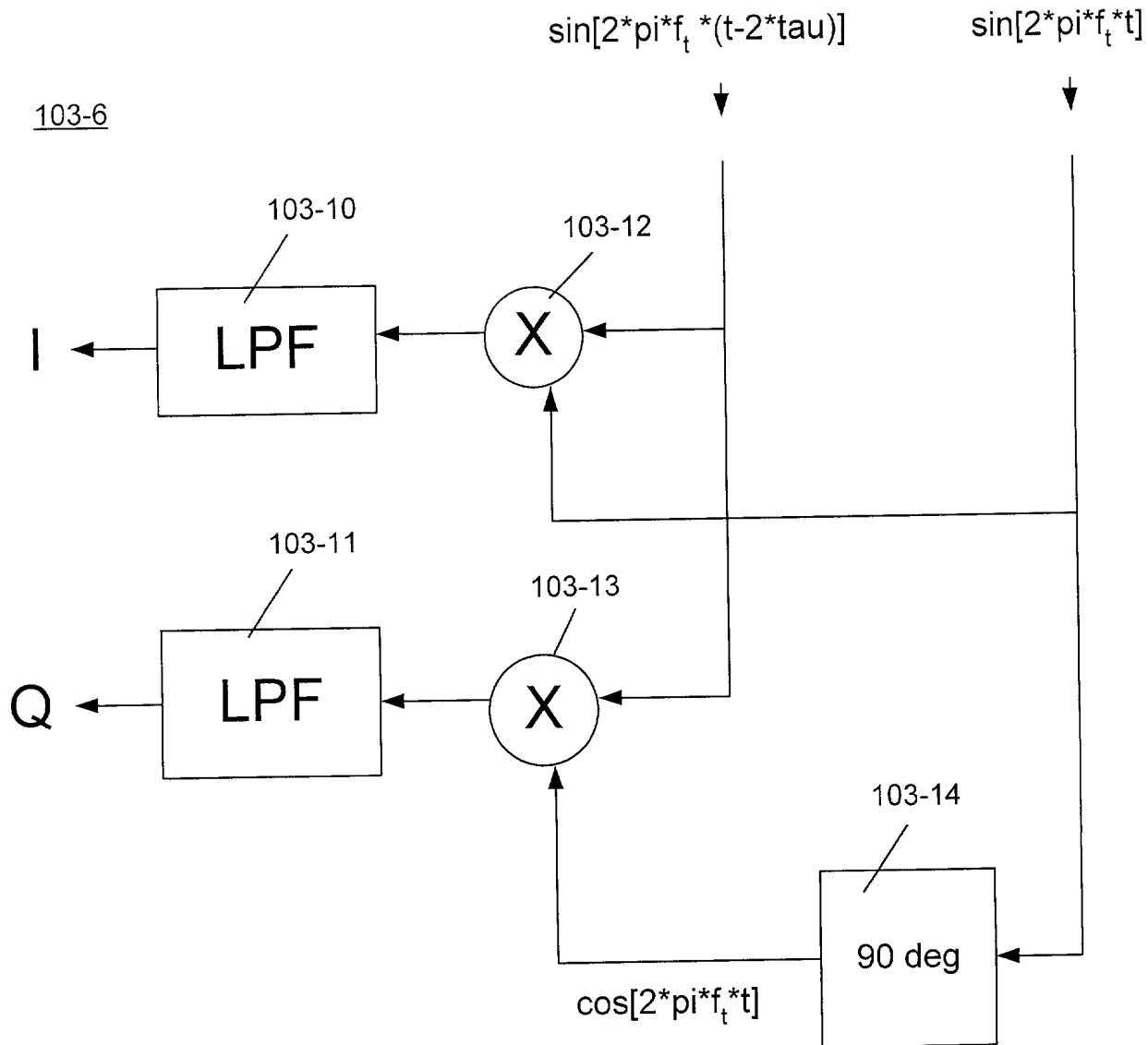
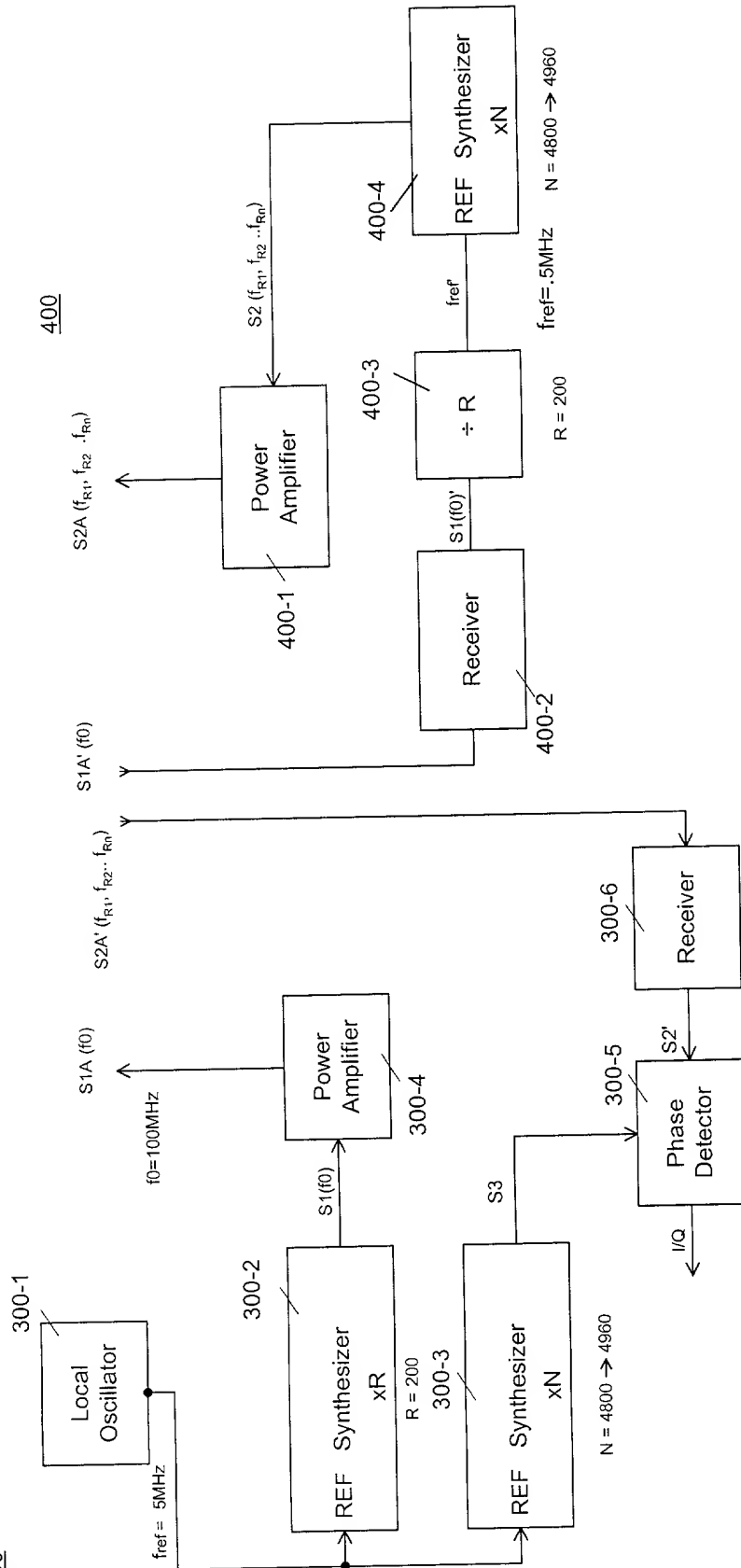


Fig. 6



300



REMOTE STATION

BASE STATION

FIG. 7

500

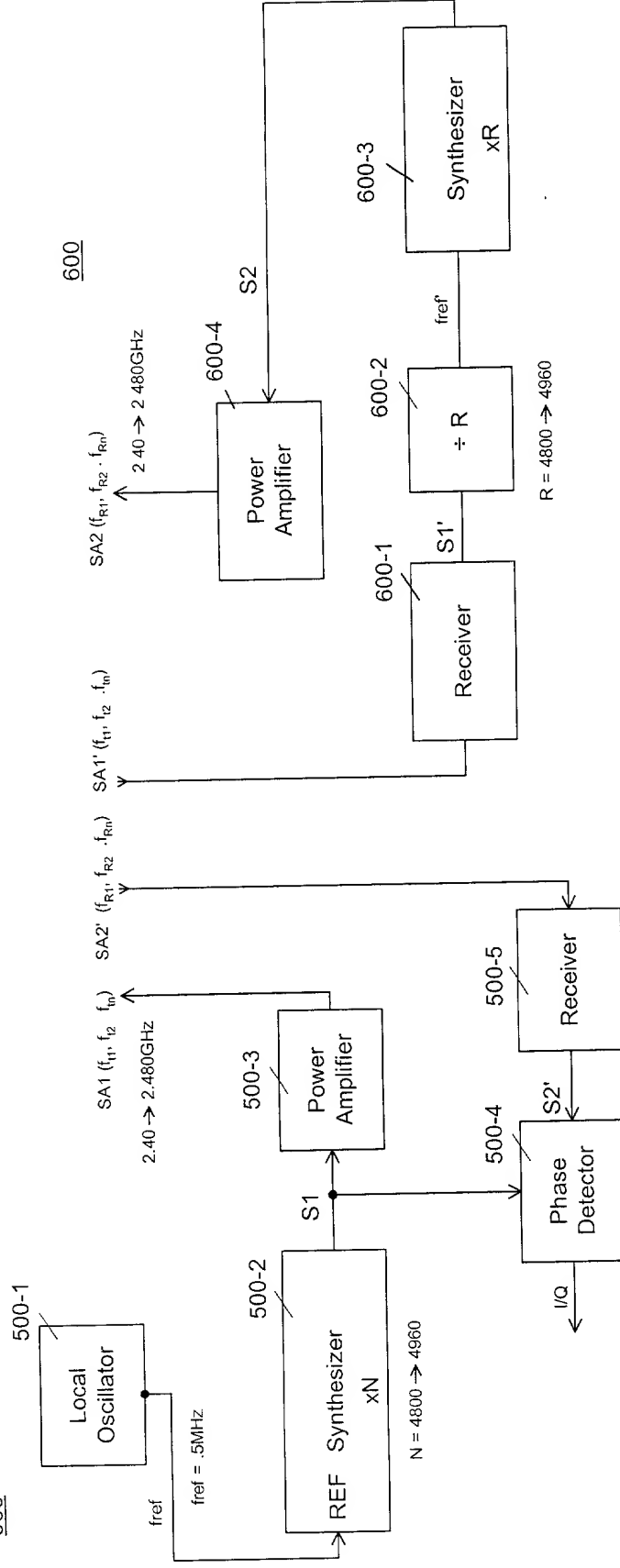


FIG. 8

BASE STATION

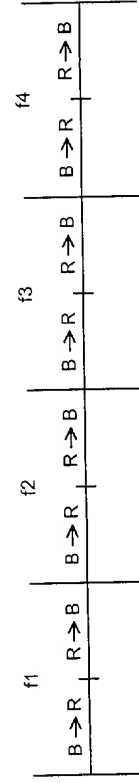


FIG. 9

REMOTE STATION

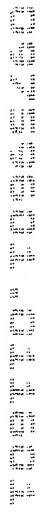
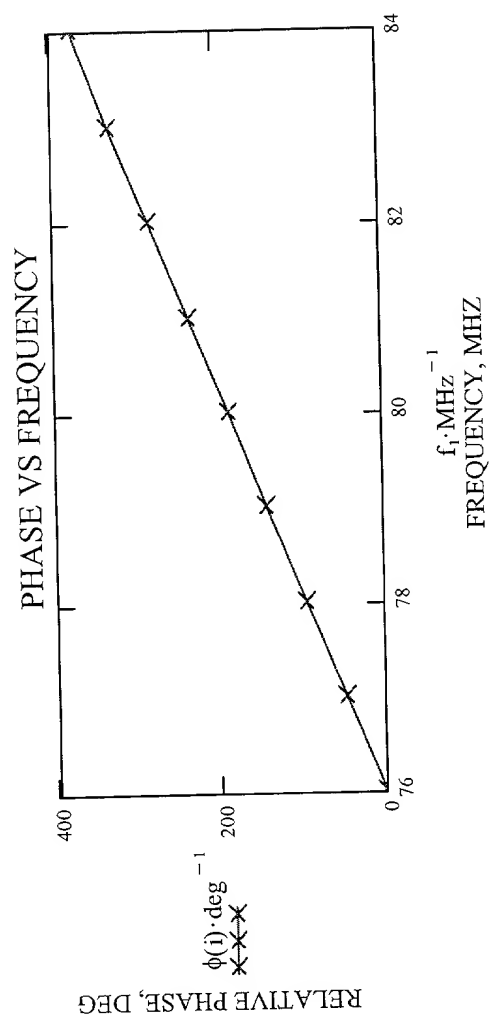
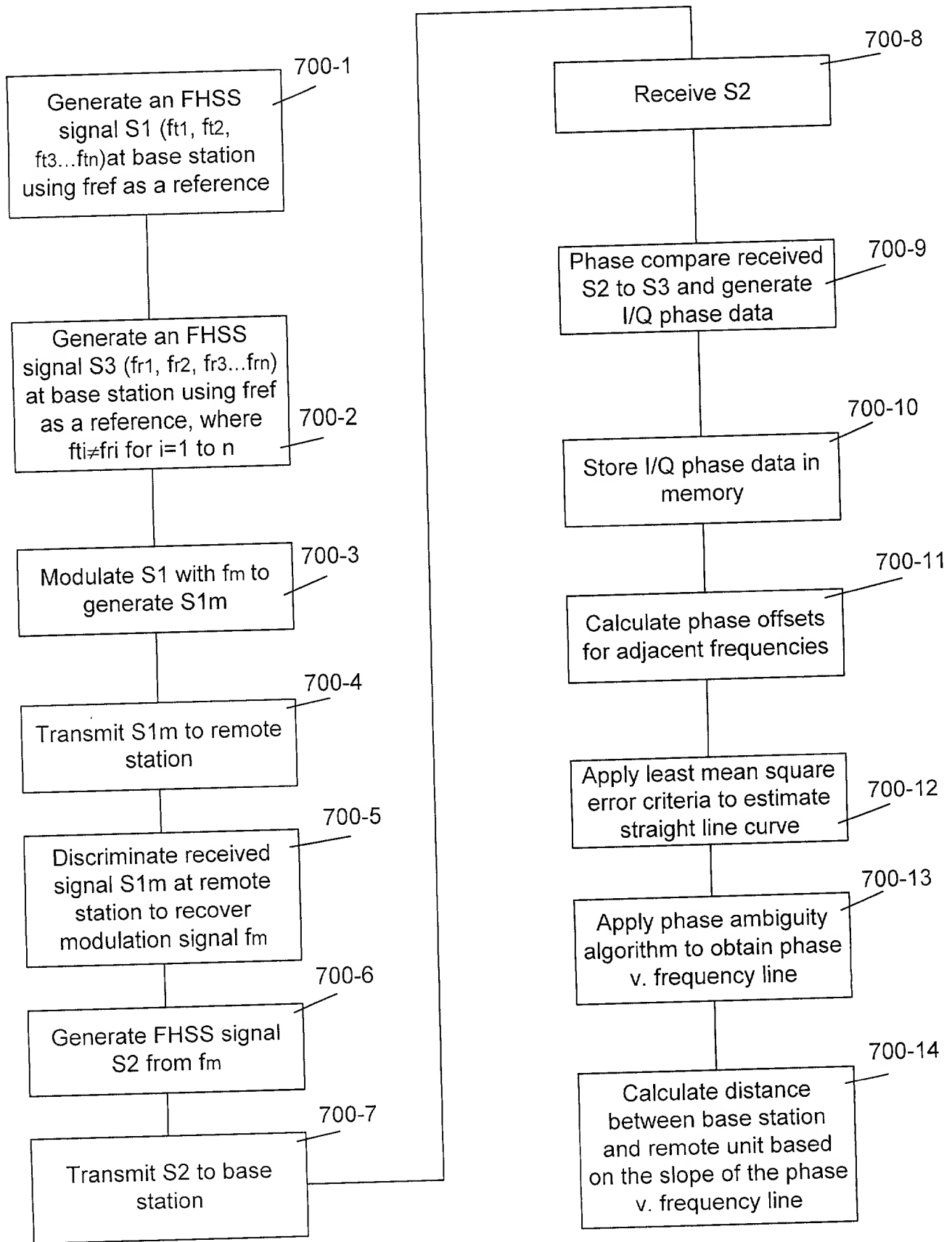
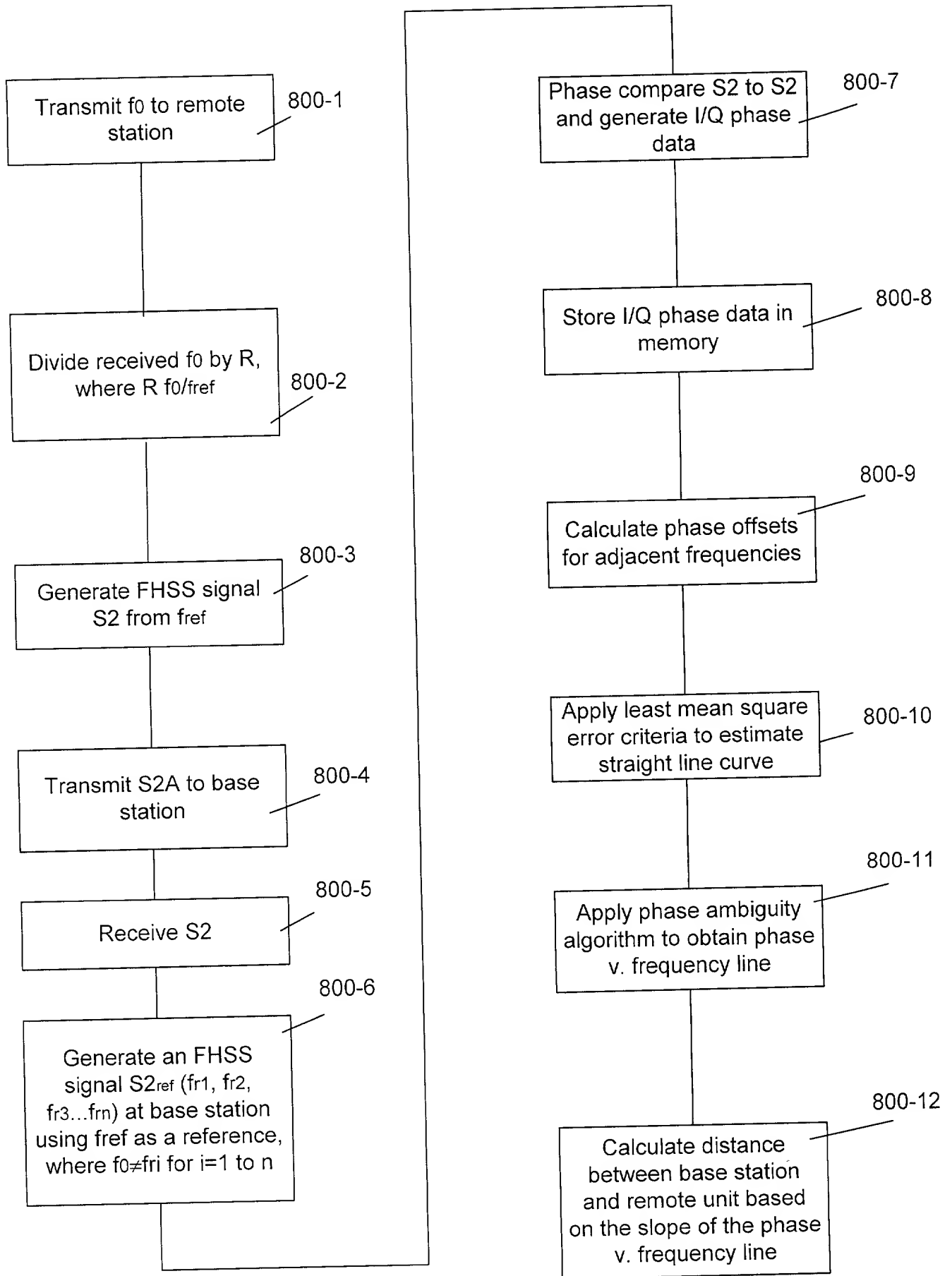


Fig. 10

[illegible]



**Fig. 12**



**Fig. 13**

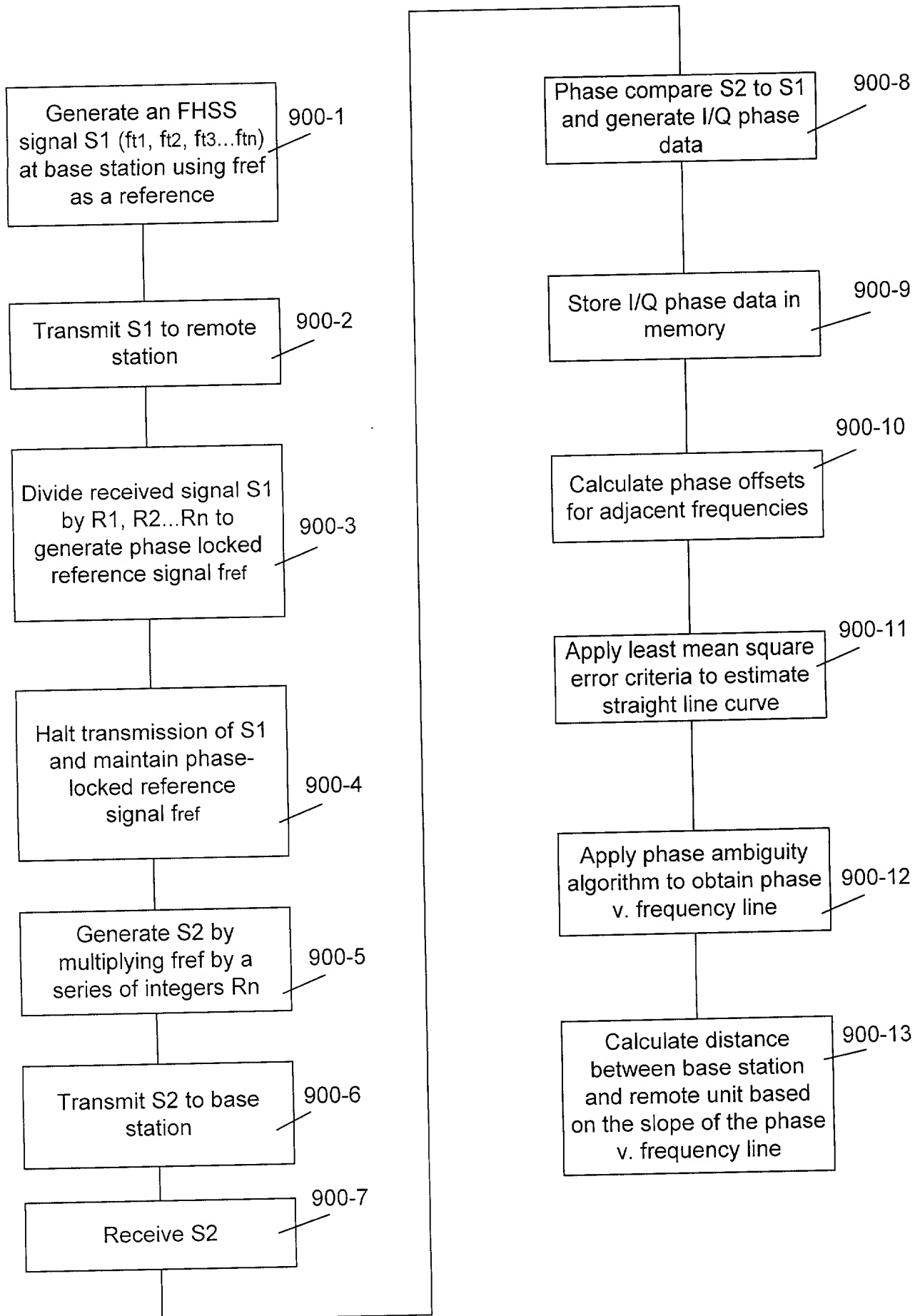


Fig. 14